

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	892	(369/44.28).CCLS.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/07/10 16:39
L2	1007	(369/44.32).CCLS.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/07/10 16:39
L3	132	(369/53.14).CCLS.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/07/10 16:39
L4	215	(369/53.18).CCLS.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/07/10 16:39
L5	1068	(count\$3 or detect\$3) near4 (track near2 cross\$3)	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L6	195051	(rotation\$2 or revolve) near2 (speed or velocity)	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L7	23374	(rotation\$2 or revolve) near2 (zone or area or section)	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L8	134652	(maxim\$2 or top or optim\$2) near2 (speed or velocity or rate)	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L9	7	L5 same L7	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L10	45	L5 same L8	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L11	46	L5 same L6	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L12	77	L10 or L11	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L13	2000	L1 or L2 or L3 or L4	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L14	30	L12 and L13	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39

## EAST Search History

L15	1068	(count\$3 or detect\$3) near4 (track near2 cross\$3)	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L16	3562684	zone or area or section or angle	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L17	177	L15 same L16	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L18	132	(369/53.14).CCLS.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/07/10 16:39
L19	3	L17 and L18	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L20	96645	(multiple or plurality or many) near4 (speed or velocity or rate)	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L21	1308514	rotate or rotation or rotational	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L22	4077	L20 near10 L21	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L23	3	L18 and L22	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L24	892	(369/44.28).CCLS.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/07/10 16:39
L25	1007	(369/44.32).CCLS.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/07/10 16:39
L26	215	(369/53.18).CCLS.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/07/10 16:39
L27	2000	L24 or L25 or L18 or L26	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L28	30	L27 and L22	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L29	20	takahashi-yorio\$.in.	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39

## EAST Search History

L30	5	("5140575"   "6195322"   "6222336").PN. OR ("6304528").URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2006/07/10 16:39
L31	3	((("5539711") or ("5623461") or ("5982728"))).PN.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/07/10 16:39
L32	3562684	angle or zone or area or section	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L33	1194118	rotation\$2 or revolution or revolve	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L34	168257	L32 near5 L33	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L35	281	L34 and L27	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L36	36	L34 and L18	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L37	117	L24 and L35	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L38	1769736	approximation or approximate or approximately	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L39	313285	eccentricity or vibration	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L40	3183	L38 near5 L39	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L41	24	L40 and L27	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L42	1	10/505479.app.	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L43	5568	(sum or sumed) near2 (absolute adj (value or values))	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L44	72	L38 near6 L43	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L45	100498	absolute adj (value or values)	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L46	3356843	vector or side	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39

## EAST Search History

L47	1791051	approximat\$3	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L48	698	L45 same L46 same L47	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L49	38	(L46 near4 L47) near4 L45	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L50	281488	vector	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L51	93	(L47 near4 L50) same L45	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L52	62	L51 not L49	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L53	24	(square adj root) near6 approximat\$3 near6 (absolute adj value)	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L54	755891	(absolute adj value) or magnitude or amplitude	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L55	1974915	approximat\$3 or simplify or simplification	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L56	32640	L54 near6 L55	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L57	132	(369/53.14).CCLS.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/07/10 16:39
L58	2	L56 and L57	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L59	892	(369/44.28).CCLS.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/07/10 16:39
L60	1007	(369/44.32).CCLS.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/07/10 16:39
L61	215	(369/53.18).CCLS.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/07/10 16:39
L62	2000	L59 or L60 or L57 or L61	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39

## EAST Search History

L63	45	L56 and L62	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L64	2394	(Square adj root) near4 L55	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L65	48	L64 same (absolute near2 value)	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L66	2	"10143991"	US-PGPU B; USPAT; USOCR	OR	ON	2006/07/10 16:39
L67	6	2000-113581	US-PGPU B; USPAT; USOCR	OR	ON	2006/07/10 16:39
L68	1	11-203778	US-PGPU B; USPAT; USOCR	OR	ON	2006/07/10 16:39
L69	1	"11317003"	US-PGPU B; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/10 16:39
L70	18	EGUCHI-TOYOKAZU\$.IN.	US-PGPU B; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/10 16:39
L71	6	("6256275").URPN.	USPAT	OR	ON	2006/07/10 16:39
L72	1	10-302384	US-PGPU B; USPAT; USOCR; JPO	OR	ON	2006/07/10 16:39
L73	78	kanda-yoshihiro\$.in. or kuze-yuuichi\$.in. or fujiune-kenji\$.in.	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L74	22	L73 and L62	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39

### EAST Search History

L75	1	("6009053").PN.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/07/10 16:39
L76	1	10/505479.app.	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L77	1	("20020034140").PN.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/07/10 16:39
L78	1	("6351440").PN.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/07/10 16:39
L79	1	("6111826").PN.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/07/10 16:39
L80	1	("6256275").PN.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/07/10 16:39
L81	1	("6304528").PN.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/07/10 16:39
L82	1	("1067526").PN.	EPO	OR	OFF	2006/07/10 16:39
L83	5	L77 or L78 or L79 or L80 or L81 or L82	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39
L84	1	("6711109").PN.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/07/10 16:39
L85	5	("5905705"   "5995318"   "6304528"   "6341113"   "6526006").PN. OR ("6711109").URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2006/07/10 16:39
L86	2	09/992427.app.	US-PGPU B; USPAT	OR	ON	2006/07/10 16:39